

## Sekisui PIOCELAN OP-30DB Moldable Polymer Foam

Category : Polymer , Thermoplastic , Polyolefin , Polystyrene (PS) , Expanded Polystyrene (EPS)

**Material Notes:**

A hybrid moldable resin material PIOCLEAN, consisting of polystyrene and polyolefin, achieves performance exceeding that of the individual components by effectively combining materials with drastically different characteristics. Major use of Molded articles:

Automotive parts  
Information provided by Sekisui Plastic Co. Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Sekisui-PIOCELAN-OP-30DB-Moldable-Polymer-Foam.php](http://www.lookpolymers.com/polymer_Sekisui-PIOCELAN-OP-30DB-Moldable-Polymer-Foam.php)

Physical Properties	Metric	English	Comments
Bulk Density	0.0333 g/cc	0.00120 lb/in <sup>3</sup>	After expansion; ASTM D3575

Mechanical Properties	Metric	English	Comments
Tensile Strength	0.4218 MPa	61.18 psi	ASTM D3575
Elongation at Break	7.8 %	7.8 %	ASTM D3575
Flexural Strength	0.2804 MPa	40.67 psi	ASTM D790
Flexural Modulus	0.012589 GPa	1.8259 ksi	ASTM D790
Compressive Strength	0.1746 MPa	25.33 psi	ASTM D3575
	@Strain 25.0 %	@Strain 25.0 %	
	0.2381 MPa	34.54 psi	
Compression Set	@Strain 50.0 %	@Strain 50.0 %	ASTM D3575
	0.4844 MPa	70.26 psi	ASTM D3575
	@Strain 75.0 %	@Strain 75.0 %	ASTM D3575
Compression Set	40.5 %	40.5 %	ASTM D3575

Descriptive Properties	Value	Comments
Color	Black	
Range of center value of pre-expanded particles	0.15-0.2 in	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China